

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue of Application of:

JAMAIL, R.

Application No.:

Group Art Unit: 2516

(Reissue of U.S. Patent 5,995,457)

Examiner: Ali Neyzari

Filed: November 30, 2001

For: METHOD OF MASKING DATA ON DIGITAL VIDEO DISKS (DVD) Attorney Docket No.: 10659-009

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please enter the following amendments into the file of the above-identified re-issue application prior to examination thereof.

In the Claims:

Please add the following new claims:

15. A DVD for use with a player or a transcriber comprising:

a plurality of data groups wherein one or more of said data groups are concealed and one or more of said data groups are not concealed.

16. The DVD for use with a player or a transcriber as in claim 15 wherein said concealed data groups are

accessible via one or more instructions that are provided by an operator of the player or transcriber.

17. The DVD for use with a player or transcriber as in claim 15 further comprising:

location data identifying locations of said concealed data groups on the DVD.

18. The DVD for use with a player or transcriber as in claim 17 wherein said concealed data groups are accessible via said location data.

19. The DVD for use with a player or transcriber as in claim 15 wherein said one or more data groups that are not concealed are accessible via normal playing of the player or transcriber.

20. The DVD for use with a player or transcriber as in claim 15 wherein said one or more data groups that are not concealed are accessible via a PLAY control after the DVD is inserted into the player.

21. The DVD for use with a player or transcriber as in claim 15 wherein at least one of said concealed data groups is located before all of said one or more data groups that are not concealed.

22. The DVD for use with a player or transcriber as in claim 15 wherein at least one of said concealed data groups is located after all of said one or more data groups that are not concealed.

23. The DVD for use with a player or transcriber as in claim 15 wherein at least one of said concealed data groups

is located between two of said data groups that are not concealed.

24. A method for recording data on a DVD for use with a player or transcriber comprising the step of:
formatting data into a plurality of data groups wherein one or more of said data groups are concealed and one or more of said data groups are not concealed; and
recording said formatted data on the DVD.

25. The method for recording data on a DVD for use with a player or a transcriber as in claim 24 wherein said concealed data groups are accessible via one or more instructions that are provided by an operator of the player or the transcriber.

26. The method for recording data on a DVD for use with a player or transcriber as in claim 24 wherein said formatted data further comprises location data identifying locations of said concealed data groups on the DVD.

27. The method for recording data on a DVD for use with a player or transcriber as in claim 26 wherein said concealed data groups are accessible via said location data.

28. The method for recording data on a DVD for use with a player or transcriber as in claim 24 wherein said one or more data groups that are not concealed are accessible via normal playing of the player or transcriber.

29. The method for recording data on a DVD for use with a player or transcriber as in claim 24 wherein said one or more data groups that are not concealed are accessible via a PLAY control after the DVD is inserted into the player.

30. The method for recording data on a DVD for use with a player or transcriber as in claim 24 wherein at least one of said concealed data groups is located before all of said one or more data groups that are not concealed.

31. The method for recording data on a DVD for use with a player or transcriber as in claim 24 wherein at least one of said concealed data groups is located after all of said one or more data groups that are not concealed.

32. The method for recording data on a DVD for use with a player or transcriber as in claim 24 wherein at least one of said concealed data groups is located between two of said data groups that are not concealed.

33. A system for recording concealed data on a DVD for use with a player or transcriber comprising:

means for formatting data into a plurality of data groups wherein one or more of said data groups contain the concealed data and one or more of said data groups are not concealed; and

means for recording said formatted data on the DVD.

34. The system for recording concealed data on a DVD for use with a player or transcriber as in claim 33 further comprising:

means for formatting location data identifying locations of said concealed data groups on the DVD.

36. The system for recording concealed data on a DVD for use with a player or transcriber as in claim 34 further comprising:

means for recording said formatted location data on the DVD.

37. A method for an operator of a player to interact with the player in order to play back one or more concealed data groups from a DVD, the DVD having location data identifying one or more locations corresponding to said one or more concealed data groups, comprising the steps of:

providing, by the operator, one or more instructions to select at least one of the concealed data groups;

reading, by the player, at least one of said locations corresponding to said selected concealed data group;
and

playing back, by the player, said selected concealed data group from said corresponding location on the DVD.

38. A method for an operator of a transcriber to interact with the transcriber in order to transcribe one or more concealed data groups from a DVD to another medium, the DVD having location data identifying one or more locations corresponding to said one or more concealed data groups, comprising the steps of:

providing, by the operator, one or more instructions to select at least one of the concealed data groups;

reading, by the transcriber, at least one of said locations corresponding to said selected concealed data group;
and

transcribing, by the transcriber, said selected concealed data group from said corresponding location on the DVD to the another medium.

39. A DVD for use with a player or a transcriber comprising:

a plurality of data groups wherein one or more of said data groups are concealed and one or more of said data groups are not concealed, said concealed data groups are undetectable by playing the player or transcriber normally.

40. The DVD for use with a player or a transcriber as in claim 39 wherein said concealed data groups are accessible via one or more special instructions that are provided by an operator of the player or the transcriber, said special instructions differing from a normal playing of the player or the transcriber.

41. The DVD for use with a player or transcriber as in claim 39 further comprising:

location data identifying locations of said concealed data groups on the DVD.

42. The DVD for use with a player or transcriber as in claim 41 wherein said concealed data groups are accessible via said location data.

43. The DVD for use with a player or transcriber as in claim 39 wherein said one or more data groups that are not concealed are accessible via normal playing of the player or the transcriber.

44. The DVD for use with a player or transcriber as in claim 39 wherein at least one of said concealed data groups is located before all of said one or more data groups that are not concealed.

45. The DVD for use with a player or transcriber as in claim 39 wherein at least one of said concealed data groups is located after all of said one or more data groups that are not concealed.

46. The DVD for use with a player or transcriber as in claim 39 wherein at least one of said concealed data groups is located between two of said data groups that are not concealed.

47. A method for recording data on a DVD for use with a player or transcriber comprising the step of:
formatting data into a plurality of data groups wherein one or more of said data groups are concealed and one or more of said data groups are not concealed; and
recording said formatted data on the DVD, wherein said concealed data groups are undetectable by playing the player or transcriber normally.

48. The method for recording data on a DVD for use with a player or a transcriber as in claim 47 wherein said concealed data groups are accessible via one or more special instructions that are provided by an operator of the player or transcriber; said special instructions differing from a normal playing of the player or the transcriber.

49. The method for recording data on a DVD for use with a player or transcriber as in claim 47 wherein said formatted data further comprises location data identifying locations of said concealed data groups on the DVD.

50. The method for recording data on a DVD for use with a player or transcriber as in claim 49 wherein said concealed data groups are accessible via said location data.

51. The method for recording data on a DVD for use with a player or transcriber as in claim 47 wherein said one or more data groups that are not concealed are accessible via normal playing of the player or transcriber.

52. The method for recording data on a DVD for use with a player or transcriber as in claim 47 wherein at least one of said concealed data groups is located before all of said one or more data groups that are not concealed.

53. The method for recording data on a DVD for use with a player or transcriber as in claim 47 wherein at least one of said concealed data groups is located after all of said one or more data groups that are not concealed.

54. The method for recording data on a DVD for use with a player or transcriber as in claim 47 wherein at least one of said concealed data groups is located between two of said data groups that are not concealed.

55. A system for recording concealed data on a DVD for use with a player or transcriber comprising:

means for formatting data into a plurality of data groups wherein one or more of said data groups contain the concealed data and one or more of said data groups are not concealed; and

means for recording said formatted data on the DVD, wherein said concealed data groups are undetectable by playing the player or transcriber normally.

56. The system for recording concealed data on a DVD for use with a player or transcriber as in claim 55 further comprising:

means for formatting location data identifying locations of said concealed data groups on the DVD.

57. The system for recording concealed data on a DVD for use with a player or transcriber as in claim 56 further comprising:

means for recording said formatted location data on the DVD.

58. A method for an operator of a player to interact with the player in order to play back one or more concealed data groups from a DVD, the DVD having location data

identifying one or more locations corresponding to said one or more concealed data groups, comprising the steps of:

providing, by the operator, one or more special instructions to select at least one of the concealed data groups, said special instructions differing from a normal playing of the player;

reading, by the player, at least one of said locations corresponding to said selected concealed data group;
and

playing back, by the player, said selected concealed data group from said corresponding location on the DVD.

59. A method for an operator of a transcriber to interact with the player in order to transcribe one or more concealed data groups from a DVD to another medium, the DVD having location data identifying one or more locations corresponding to said one or more concealed data groups, comprising the steps of:

providing, by the operator, one or more special instructions to select at least one of the concealed data groups, said special instructions differing from a normal playing of the transcriber;

reading, by the transcriber, at least one of said locations corresponding to said selected concealed data group;
and

transcribing, by the transcriber, said selected concealed data group from said corresponding location on the DVD to the another medium.

REMARKS

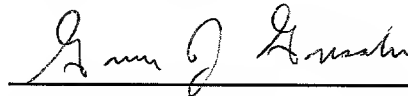
Original claims 1 to 14 from U.S. Patent 5,995,457 ("the '457 patent") and new claims 15-59 are pending in this reissue application for the Examiner's review and consideration. The reissue claims are for the same invention as that disclosed as being the invention in the original patent. New claims 15-59 have been added because the patentee claimed less than he had a right to claim in the original patent. No new matter has been introduced into the reissue application.

Each of the claim amendments is supported by the '457 patent as well as its parent applications. For example, support for claims 15, 21-23, 24, 30-32, and 33 can be found in the '457 patent at least at FIGs. 7 and 9; and column 11, lines 28-45. Support for claims 16, 19, 20, 25, and 28-29 can be found in the '457 patent at least at column 13, lines 6-15. Support for claims 17-18, 26-27, 34-36 can be found in the '457 patent at least at column 9, lines 27-44. Support for claims 37 and 38 can be found in the '457 patent at least at column 13, lines 6-15 and column 9, lines 27-44. Support for claims 39-40, 43-46, 47-48, and 51-55 can be found in the '457 patent at least at column FIGs. 7 and 9, column 11, lines 28-45 and column 13, lines 6-15. Support for claims 41-42, 49-50 and 56-57 can be found in the '457 patent at least at column 9, lines 27-44. Support for claims 58-59 can be found in the '457 patent at least at FIGs. 7 and 9, column 11, lines 28-45, column 13, lines 6-15 and column 9, lines 27-44. Additional support for these claims can also be found at other similar portions of the '457 patent and its parent applications.

Please enter these new claims prior to calculation of the filing fee and prior to examination thereof.

Respectfully submitted,

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Enclosures